



# DX NEWS

*the magazine of the  
National Radio Club*

SINCE 1933

VOLUME 52 ISSUE 5

November 5, 1984

Like I've said before, you can't put nothing past you guys, and gals! We've been doing some experimenting with page sizes and new equipment and such over the past 4 issues. EDITORS please take notice: Effective immediately. New page dimensions are as follows: 1st page- 1 1/2" top, 1/2" bottom, 1/4" side margins. For those using PICA size type stay to 72 characters across, those with ELITE stay with 93 characters across. Single space, with 72 printed lines.

We've had a few calls lately, and letters, asking if the club still had Membership Certificates available and if the Awards Program was still alive. Well, both are alive and well, and in the hands of Malcom Maxwell. To get a Membership Certificate send US\$1.00 and your name spelled the way you want it to appear on the Certificate to: Malcom Maxwell, 1041 Tumlin St., Apt. A, Atlanta, GA 30318. As for the Awards Program, write to Malcom for details, include an SASE please.

For those of you writing to stations to get them to do a test, please make sure you are coordinating your efforts with Neil Zank, NRC CPC Chairman. We don't want two of you writing to the same station, as this seems to turn them off, as far as tests go. So before you write to that station, drop Neil a line and give him a list of those stations. You can write to him at: P.O.Box 5563, Lincoln, NE 68505. And as always when writing to anyone, please be so kind as to send along a stamp or and SASE.

NRC HAM List to be updated soon. HAMs get your schedules and calls into Russ Edmunds no later than December 1st.

For those that want to send their written materials copy ready, please do us a favor and follow the following rules. Allow 1 1/2" at the top and 1/2" at the bottom, with 1/4" side margins. Type with a fresh or newer ribbon. Make sure the keys are clean, especially the a, e, and o keys. Use a PICA size typewriter and please don't double space. If you can't send the original work, then send a clean dark copy, one without lines, smudges, etc. as well as straight and centered on the paper. If you're using your home printer, some dot matrix really don't look good when shrunk down to the copy you are now reading. Use a 10 cpi with a 12 cpi pitch when possible. A letter quality printer works best if you have one. And as always, if the above mentioned items can't be followed for one reason or another don't worry we will type it up for you as long as it is readable.

Log Book Updater #1 Ken Chatterton is compiling the changes to the Log book, he wants your info to him no later than November 15th. Remember, send him changes that occurred after July 15th, don't send him spelling errors from the Log! Write Ken at the Publication Center Address found on the back cover.

#### CPC TESTS: Times are Eastern Local Time

Nov 5 WQPM-1300 Princeton, MN. 0100-0115 on with tones, music using 1000w ND. Reports to: Monday Todd Rust, CE, Box 188, Princeton, MN 55371. Arranged by John Rieger of DXMIDAMERICA.

Dec 17 WLS-890 Chicago, IL. 0000-0500 will be off the air for maintenance and other things. Monday Arranged by Al Resnik, CE, WLS and NRC member!

#### LOOK INSIDE:

2....AM Switch	3....DDKD	7....IDXD
9....Formats	10....Ramblin' Back	11....Financial Statement
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24....Your Name and NRC Facts and Addresses!!!!		

Want to know where to get an NRC Coffee Mug?, or pre-made Log Sheets?, or NRC Stationary? All you've got to do is write a letter to Ken at the Publication Center Address, found on the back cover of this issue. Send along a mint US stamp while you're at it.

2  
Jerry Starr  
c/o WHOT Radio  
401 N. Blaine Ave.  
Youngstown, OH 44505

CALL LETTER CHANGES

Old call:	New call:
850 WBLP TN Fairview	WPFM
1100 *New MN Madison Lake	KELM
1500 WIAF GA Clarksville	WLTA

APPLICATIONS FOR NEW STATIONS

670 TN Farragut:	500 D1
1170 TN Collierville:	1000 D1
1270 MN Buhl:	5000/5000 U4
1490 AR Russellville:	1000/250 U1

GRANTS FOR NEW STATIONS

1040 CA San Diego:	1000/1000 U4
1050 NM Los Ranchos de Albuquerque:	500 D1

APPLICATIONS FROM EXISTING FACILITIES

1470 WBUL KY Fort Knox:	power to 5000, move to Shepherdsville, KY
1580 KNIX AZ Tempe:	night power to 25000

GRANTS TO EXISTING FACILITIES

None

OTHERNESS

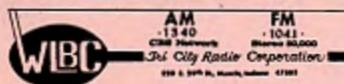
1040 CA Chula Vista: application for new station here dismissed by FCC in the same action that granted the new San Diego station on 1040 kHz.

A rather short AMS this week. Now that DX News is weekly the bookkeeping chores get a bit easier. The beginning of the fall ARB rating period is marked, as usual, by the nearly total lack of call changes. It is interesting to note that ARB has proposed the dropping of "hot" call letters from their ratings. They define a "hot" call as one that was dropped by one station then picked up quickly by another station in the same market. This could cause some obvious problems in the ratings. Since FCC deregulation there is no longer the required six-month cooling off period before dropped calls can be reassigned, a station can now apply for dropped calls the next day. ARB has proposed their own six-month cooling off period during which time any "hot" call would not be listed in their survey material.

73 and Good DX,

*Jerry & BKF*

Jerry Starr &amp; Buffalo K. Foonman



KRIB 1490 RADIO  
P.O. BOX 1568  
402 19TH STREET S.W.  
MASON CITY, IOWA 50401  
(515) 424-1490

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Every Tuesday at Noon on:

**WCAR TALK**  
1030AM INFORMATIVE LISTENING

Call 421-0707

For Helpful Information

3  
Dave Schmidt  
42 Chelwynne Road  
Castle Hills  
New Castle, DE 19720

Here is the NRC column which matches the excitement of the vice presidential debates. When sending your items in, please keep them on one side of the paper, type or neatly write, EST, etc., etc. And here we go:

FREQ. CHECKS:

1250 KINO AZ WINSLOW - 1st Wed - 0300-0313 TT w/ID's approx. each 1½ minutes, last 4 ID's were solid, atop freq., off after last ID. (DKK-CA)

Valley Broadcasters, Inc.

WLSD

DX TESTS:

790 WETB TN Xlnt w/some fading w/siren tone. (JM-PA)  
Good to local like w/tone, siren tone, hard rock music and ID's. (DS-DE)

0201-0229 good w/various TT including distinctive hi-lo alternating tone, several ID's, one rock song. (TC-TN)

1590 WJSO TN Local like w/slight fading w/J J Jackson. (JM-PA)  
Noted at 0230 switch to day power/pattern, went from fair to

local like, noted w/rock/MoR music, ID's, ad cluster at 0318! (TC-TN) They told me a plug for the NRC went in at that time also, but don't know if they went back to nite DA during that break. (DS)



WHOT

SPECIAL:

840 KSWB OR SEASIDE - 10/13 1125-1200 strong w/music and ads, UPI news on hour, 1st day on 840, ex-930. (NH-WA)

990 WNOX TN KNOXVILLE - Has been simulcasting w/WNKX 95.3 during the 0000-0500 shift, ID's as "Kix 95". (TC-TN)

1060 CJAM AB CALGARY - 10/15 0126 "The new AM 106" after weather w/temp. for Calgary, Banff, etc. Apparently never plan to use call letters on air! Ex-CFCN. (NH-WA)

1110 KRDX CA ROSEVILLE-SACRAMENTO-STOCKTON - 10/14 2101½ three city ID in English in midst of Spanish program, good in KBND null, ex-KPOP/KPIP. (BH & NH-WA)

1130 WWCM IN BRAZIL - Still noted off the air 10/3 and 10/15 whilst going to and returning from Albuquerque. T'was also off when we passed by driving to the convention, maybe permanent? (JS-OH)

1150 KGNW WA SEATTLE - 10/1 2158½ end of Back to the Bible, ID, has religious format, ex-KSPL, first day back on, had been dark for about a month and a half. (NH-WA)

KDEF NM ALBUQUERQUE - Definitely off the air as reported by someone earlier in the summer, phones are unhooked and their studios/office space is now the home of a tutoring service (Heinen and I stopped in), power drop to xmtr building is still connected, probably just to run tower lights, they may be kaput for good. (JS-OH) Oh, you stopped by for a little toot? (DS)

1400 WKPT TN KINGSPORT - Noted simulcasting BPL music w/WTPM in early AM hours, ID's given on FM as "WKPT Stereo 1400 and WTPM Stereo 98." Dual ID's not noted days. (TC-TN) Dropped LK? (DS)

1470 WMDR TN ALCOA - 10/18 1330-1405 noted w/rock music, local news on hour, ID's as "The Doctor", ex-WEAG. (TC-TN)

1550 KXEX CA FRESNO - 9/14 2250 Spanish music, ID and ad in Spanish w/good signal, went 24 hours in early sept. (NH-WA)

MIDDAY - MIDNITE:

550 KOY AZ PHOENIX - 10/4 2332 good w/local talk show, trying to ID station under them. (LHC-CA) That's a problem? (DS)

610 WIOD FL FT LAUDERDALE - 10/8 1947 very good w/talk w/WIP looped, "S FL Sports and Info. Authority." (HJH-PA)

690 WELD WV FISHER - 10/3 1843 fair w/s/off by woman anc'r. (HJH-PA)

700 KFAM UT SALT LAKE CITY - 10/2 2253 good w/EZL music, always tough in this area due to splash from XETRA-690/KMPC-710. (LHC-CA)

730 WMTC KY VANCEVILLE - 10/11, 10/16 1900 noted both nights w/s/off w/EDT given at end of s/off anc't. Weak 10/11, strong 10/16. (HJH)

740 WMLB NC MOREHEAD CITY - 10/8 1913 good w/rock music til s/off, 45 min. late by my calculations. (HJH-PA)

WSVQ TN HARROGATE - 10/8 1859, 10/12 1900 w/s/off at these times, mention of Middleboro and Tazewell in s/off. (HJH-PA)

④ MIDNITE - MIDDAY:

540 KNOE LA MONROE - 10/15 0458 w/ID and mention of stereo, carrying SMN, ID and AP news on hour. (JRH-PL)  
 CBK SK REGINA - 10/6 0007 very good w/"Booktime" program, music, noted again 0300 w/news then s/off at 0306. (LHC-CA)  
 560 KSFO CA SAN FRANCISCO - 10/2 0015 fair w/Golden Age of Radio Theatre, featuring Abbott and Costello. (LHC-CA)  
 620 KNFS CA HANFORD - 10/4 0104 weak u/KTAR w/news, ID. (LHC-CA)  
 KTAR AZ PHOENIX - 10/4 0104 poor w/news into Larry King. (LHC-CA)  
 640 KFI CA LOS ANGELES - 10/15 0416 fair w/"Best Oldies" ID, not heard since last July! (JRH-PL).....10/17 0634 good w/PDT time and ID w/WHLO. (JM-PA)  
 730 CKLG BC VANCOUVER - 10/7 0309 poor o/u XEX w/rock music. (LHC-CA)  
 740 WSVQ TN HARROGATE - 10/17 0702 good w/CW music, ID w/"Love My Country" slogan, splash from WPIT-730. (JM-PA)  
 790 UNID 10/15 0200 someone here u/WETB w/ABC news and Larry King, anybody get an ID on this guy? (TC-TN)  
 850 KTAC WA TACOMA - 10/7 0318 u/KOA w/current hits, ID. (LHC-CA)  
 KOA CO DENVER - 10/7 0318 good w/talk show, ID. (LHC-CA)  
 WQKA NY PENN YAN - 10/16 0819 local weather and contest w/CKVL/NJW, no sign of semi-local WRAP and local WEEU. (JK-MD)  
 880 KMFR OR PHOENIX - 9/16 0930 ID in Radio Classifieds promo. (NH-WA)  
 910 WGBI PA SCRANTON - 10/7 0136 fair w/CBS baseball play-offs promo, ID into CW music. (JM-PA)  
 920 CCLS PQ LEVIS - 10/15 0225 good w/Top 40/Rock music in English, all talk was in French. (JM-PA)  
 930 UNID 10/15 0252 fair w/B/Sol music, phone # 356-9702, mention of Stereo 106, suspect WJAX, even w/WBEN/CKNS. (JM-PA)  
 \*WESA PA CHARLEROI - 10/7 0100 noted w/TT then simulcast of FM. (JM-PA)  
 950 WBJW FL ORLANDO - 10/7 0915 "BJ-95" ID into Top 40 music. (JRH-FL)  
 960 WSBY MD SALISBURY - 10/14 0057 good, mostly u/WFIR w/ID, mention of FM in Ocean City, MoR music. (JM-PA)  
 UNID 10/8 0217 good but u/WFIR w/Top 40 music and ID's as "CK 105", looped west. (JM-PA) Yes....it WAS a radio signal! (DS)  
 1080 KRLD TX DALLAS - 10/2 0246 weak, barely audible w/severe fades, splash from KNX-1070, news, weather for Dallas/Fort Worth. (LHC-CA)  
 1220 KBMO CO DENVER - 10/6 0835-0845 atop nicely w/Spanish music, several good ID's, Radio Ka Bueno ID's, ads in Spanish noted. (DKK-CA)  
 1240 KCJY ID MT HOME - 10/2 0818 atop all w/ID, CW music, time check. (DKK)  
 1280 KREL NV HENDERSON - 10/2 0906 solidly atop w/Good News Radio/ID then into Contemporary Christian music. (DKK-CA)  
 KYKN OR EUGENE - 9/17 0014 '13 Kickin' slogan, ID, ex-KBDF. (NH-WA)  
 1320 KGMR CA SACRAMENTO - 10/4 0244 weak w/News Talk 132 ID. (LHC-CA)  
 1340 KIST CA SANTA BARBARA - 10/7 0350-0400 w/KBET w/ID, not heard in ages, used to be nite regular here. (DKK-CA) Impressed? No!  
 1360 WMOV WV RAVENSWOOD - 10/9 0643 good w/local mentions, ID, CW music. (JJR)  
 1380 KGMS CA SACRAMENTO - 10/4 0302 fair w/'Music Radio' ID, news and weather. (LHC-CA) (JJR-WI)  
 1390 KJFW MO WAYNESVILLE - 10/7 0730 w/clear ID in mess u/WGCI, CW music.  
 WCSC SC CHARLESTON - 10/15 0235 noted running same satellite music service as WJSO-1590. (TC-TN) Transtar  
 1400 WJET PA ERIE - 10/15 0302 good w/Jet news, weather, Top 40 music. (JM)  
 WOAD MS JACKSON - 10/7 0424 w/B/Sol music, promo and ID in mess, poor signal. (JRH-WI)  
 1420 \*WHK OH CLEVELAND - 10/15 0244 noted off this AM, TT later. (JM-PA)  
 1460 KDON CA SALINAS - 10/6 0110 very good w/Big Band music, ID's as "The Voice of Monterey Bay." (LHC-CA)  
 1500 KSTP MN ST PAUL - 10/6 0104 barely noted u/KHTT w/Larry King. (LHC)  
 WTOP DC WASHINGTON - 10/15 0230 noted w/ID in Larry King show break, evidently now NSF. (DS-DE)  
 KANI TX WHARTON - 10/10 0700 alone/good w/s/on w/SSB. (JJR-WI)  
 1510 KGA WA SPOKANE - 10/6 0047 poor u/KNSE w/news. (LHC-CA)  
 1530 \*WCKY OH CINCINNATI - 10/15 0245-0315 noted w/TT in passing, various pitches so likely a PoP. (TC-TN)  
 1550 KRGO UT W VALLEY CITY - 10/4 0320 fairly good w/CW music, ID. (LHC-CA)  
 KKHI CA SAN FRANCISCO - 10/4 0320 very poor u/KRGO w/classical. (LHC)  
 1560 KPMC CA BAKERSFIELD - 10/4 0311 good w/s/off, w/SSB. (LHC-CA)  
 KCJJ IA IOWA CITY - 10/8 0200 very good at times w/ID into Mutual news, local sports, Larry King show, not usually heard MM's. (JM-PA)  
 WPAD KY PADUCAH - 10/18 0212 good w/rock music, ad for vitamins by mail order, promo for local football game, last heard when he was CW. (TC-TN)  
 1590 \*WETT MD OCEAN CITY - 10/16 0327 xlnt, noted w/EZL/MoR music, sounded almost non-DA, tone later. (JM-PA)  
 WJSO TN JOHNSON CITY - 10/15 0157 fair/good on nite power/pattern w/rock oldie, ID, 30 minutes before scheduled test. (TC-TN)

770 WLWL NC ROCKINGHAM - 9/24 1920 w/local ads, ID, ex-1500. (JK-MD)  
 790 WWNS FL S MIAMI - 9/24 2017 "News Talk 79" logo, no yet on 780. (JK-MD)  
 860 WAMO PA PITTSBURGH - 9/25 2130 forgot to s/off this evening, noted on well into morning hours! (JM-PA)  
 870 WFLO VA FARMVILLE - 9/30 1928 good w/full data s/off w/mention of owners. (JM-PA)  
 880 KKMC CA GONZALES - 10/3 2332 fairly good o/u KRVN w/religious programs, "Inspirational Radio 88", freq. becoming crowded of late. (LHC)  
 920 KLOC CA CERES-MODESTO - 9/14 2310 spanish talk, ID into news. (NH-WA)  
 930 UNID 10/15 1935 o/local WFMW w/CBC programs as on CBM-940, suspect CKNS. (JK-MD) Sounds like them. (DS)  
 WLLL VA LYNCHBURG - 9/30 1930 good w/full data s/off giving address and MYL mention. (JM-PA)  
 940 WNRG VA GRUNDY - 10/7 1902 w/"Best in News, Music and Sports" slogan, s/off w/no SSB. (HJH-PA)  
 980 WONE OH DAYTON - 10/16 1842-1855 very good w/some fades w/CW music, ads, PSA, weather, "WONE Country" ID. (JM-PA)  
 1090 KLWJ OR UMATILLA - 10/10 2100 ID into 'The Good News', poor thru nulled KING, long wanted. (NH-WA)  
 1100 KIIO CO GRAND JUNCTION - 10/14 2200 ID after pop music (mostly oldies) into CBS news, fairly good w/KPAX nulled. (BH/NH-WA)  
 1180 KERI CA WASCO-BAKERSFIELD - 10/14 2144 calls given 4 times in promo, good w/o sign of KOPI. (NH-WA) KOPI was in the can? (DS)  
 1190 KDAO IA MARSHALLTOWN - 10/4 1930 poor w/s/off way u/WOWO. (JJR-WI)  
 1210 KASY WA AUBURN - 9/29 1934 "Casey" slogan between 2 oldies, ex-1220. (NH)  
 WKX MI SAGINAW - 10/15 1859 had a tough time hearing ID on this but was ID'd, mention of Saginaw and Detroit weather, Top 40 music and s/off, lots of WCAU also present. (HJH-PA)  
 KGYN OK GUYMON - 10/1 2136 fair/good w/religious program, news on hour, o/u KCLG. (LHC-CA)  
 1250 WMTR NJ MORRISTOWN - 9/26 1906 "Club Card" promo, area rock concert dates, getting kinda local here nites w/WTAE. (JK-MD)  
 1260 CIHI NB FREDERICTON - 9/26 2156 rock music, ID as "I-E-H-I". (JK-MD)  
 1290 KLIQ OR LAKE OSWEGO-PORTLAND - 9/15 1607 ID during WA Huskies game. (NH)  
 1330 KENU WA ENUMCLAW - 9/15 1527-1530 w/MOR song, ad for sales help at station local news, local KXRO was off. (NH-WA)  
 1350 WPDR WI PORTAGE - 9/30 2015 fair w/GB Packers football then quick s/off o/WSLR but didn't give any ID. (JM-PA)  
 1360 KZUN CA MCDESTO - 9/30 2122; ID into CW song, fair o/KROR. (NH-WA)  
 1400 KQMS CA REDDING - 10/10 1206-1207 ad, open Line program, good o/ nulled Canadian and KPMA. (NH-WA)  
 KNDE CA VISALIA - 10/15 2205 promo for Swap Shop, ID as "The Sports Voice for the Central Valley", good w/signal stop all. (NH-WA)  
 1410 KWYO WY SHERIDAN - 10/10 2003-2005 A1 news, Howard Cosell sports, ID and into music, good w/CFUN nulled, rare here. (NH-WA)  
 1430 KFIG CA KNTA CA FRENSNO - 10/15 2224; weak w/ID thru KNTA into music, ex-KARM. (NH)  
 SANTA CLARA-SAN JOSE - 10/15 2231 w/Radio Canta ID into Spanish Music, very strong o/KFIG. (NH/BH-WA)  
 1450 WHDL NY OLEAN - 10/12 1928 w/local highschool football o/WTHU. (JK-MD)  
 CHUC ON PT HOPE-COBOURG - 10/12 2034 good w/ID, almost a local! (JK-MD)  
 1460 WWNG NY ROCHESTER - 10/16 1825 good w/REL music into religious program, 3WG ID, last heard as WHEC! (JM-PA) Oldtimer, eh? (DS)  
 1470 UNID WTKO NY 10/18 1400 somebody here u/WMDR w/CNN news, no ID. (TC-TN)  
 ITHACA - 10/16 1822-1823 good w/political ad, weather, local mention then gone, are they now 5000 U2? (JM-PA)  
 1480 WSAY VA SALEM - 9/30 1922 good w/station of the Stars ID, music. (JM-PA)  
 1520 KSGO OR OREGON CITY-PORTLAND - 9/1 2200 ID as "Solid Gold Radio" and into Elvis song. (NH-WA)  
 1540 WARD PA PITTSTON - 10/16 1816 fair w/phone-talk show, call given as WARD, not WPTS as listed, soon faded to WPGR. (JM-PA) Yeah, it's one of those long ago call changes....considering who did the log, that's passable-hi! (DS) (JRH-PL)  
 1550 WRHC PL CORAL GABLES - 10/9 1900 English ID, gone at pattern switch.  
 WYOU FL TAMPA - 10/9 1757 noted w/English ID into news, Spanish. (JRH)  
 1560 WWGM TN NASHVILLE - 10/9 1916 ID as "You've Got a Friend" then quickly gone. (JRH-PL)  
 1580 WHEX PA COLUMBIA - 10/2 1830 topping channel, strong til s/off, nice to hear this old early 70's ghost again! (HJH-PA) I usually listen for stations on the radio....(DS)  
 WLJL TN SHELBYVILLE - 10/12 1910 weak w/s/off. Nothing special in hearing this but noted so you wouldn't think I'm falling asleep at the dials. (HJH-PA) Huh? Yawn!!!  
 1590 WIXX WI NEW RICHMOND - 9/30 2036-2021 good w/sports program, promo, ad, very glad to get this one? (JM-PA)

6

TIS:

530 KRO984 CA LOS ANGELES - 9/12 0247 LA Airport TIS w/traffic reports, parking info and airline info. (LHC-CA)

## PIRATES:

540 KDX CA 9/12 0222 Pirate possibly in LA area, xlnt w/some hum noted, w/Eric Dawson show, abrupt s/off 0255, last heard 3/84. (LHC)

## ADDRESS INFO.:

860 WJZX FL COCOA - Box 3387, 32922. (JBH-FL)  
 930 WTHN FL HAINES CITY - Box 9151, Winter Haven, FL 33883. (JBH-FL)  
 1040 WBZW TN POWELL - S/off gives add. as Box 1985 & 1707 Depot St. (JM-PA)  
 1230 KLES MO JOPLIN - Box 1230, 64802 per varie. (EB-MO)  
 1290 WIIZ NC JACKSONVILLE - PO Drawer 1216, 28540 per v/l. (KG-PA)  
 1370 WPCK FL PALM BEACH - Box 15768, 33416. (JBH-FL)  
 1370 WSOL SC ELLORREE-SANTEE - Drawer 367, Orangeburg, 29116. (SF-TN)  
 1400 WTGG AL ANDALUSIA - 303 South 3 Notch, 36420. (SF-TN)  
 1460 WXRQ TN MT PLEASANT - Box 726, 38474. (SF-TN)  
 1490 WSID NY SIDNEY - 75 Main St., 13838. (SF-TN)

And that's it for this week....very hectic here lately, work sked. now changed to various hours which keeps me tired 96% of the time.....this is being typed w/tooth-picks in the eyelids! Thanks to all for the support. ON HAND we have some more addresses from HANK HOLBROOK, they'll be in the next epic version of DDXD! Your support is appreciated, and always welcome!

## DIALERS:

LHC-CA/Les Carpenter, El Toro, CA/R2000, FRG7700, LW  
 EB-MO/Eric Bueneman, Hazelwood, MO/Superadio II  
 KG-PA/Kermit Geary, Walnutport, PA/R389, HQ180, SM2, LW  
 SF-TN/Steve Francis, Alcoa, TN/TRF  
 JS-OH/Jerry Starr, Hubbard, OH/HQ180 (2), LW, Loop  
 TC-TN/Tom Connatser, Sevierville, TN/Superadio  
 BH & NH-WA/Bill and Nancy Hardy, Aberdeen, WA/FRG-7, SM1  
 JM-PA/John Malicky, Pittsburgh, PA/Aiwa AR158  
 HJN-PA/Harry Hayes, Wilkes Barre, PA/HQ180, Superadio, SM2  
 JBH-FL/J. B. Hughes, Madeira Beach, FL/R1000, Radio West Loop  
 JRR-WI/John Reiger, West Allis, WI/ICR-70, R1000, RF2900, Loops  
 DKK-CA/Don Kaskey, San Francisco, CA/HQ140X, SM2  
 DS-DE/Somebody named Dave/HQ180A, HQ180AX, SM2, LW, Superadio

And that's it....see you all next week! 73's - Good DX! 



**KCHR Radio**  
1000 WATTS AT 1000 KC  
 P. O. BOX 432  
 CHARLESTON, MO. 63834

BOX 366 BOONE, IOWA 50036



KWBG

NATURAL 98 FM

## OFFICIAL REGISTRATION

### ENTRY PASS

PLEASE PRESENT THIS  
 PASS AT CLINIC ENTRANCE

NO PURCHASE NECESSARY

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

PHONE \_\_\_\_\_

ZIP \_\_\_\_\_

AGE \_\_\_\_\_

YOU MUST COMPLETE RELEASE ON REVERSE SIDE.

Signature of Parent  
 or Guardian \_\_\_\_\_

**FREE  
 YOUTH  
 BASKETBALL  
 CLINIC**

**McDonald's**



**800 AM CKLW**

## International DX Digest

Chuck Hutton  
 437 Hardendorf Ave.  
 Atlanta, GA 30307

Times are GMT For ELT subtract 5 hours. Deadline: Monday

Gosh, I got to do IDXD two weeks in a row. Next thing you know I'll find the Holy Grail....Now if only the contributors would show up two weeks in a row too! Brian Vernon where are you???

- 555 NICARAGUA HTC555 R. 19 de Julio, Chunandega 0340 10/11 tropical mx in SS, one song referred to "el imperialismo". (Wood)  
 600 CUBA CMKA Urbano Noris (per Schatz list) R. Rebelde with news, "El miembro del Comite-Central en la provincia de Sancti Spiritus (interesting that such a religious name has not been changed) // 660 0757 10/1. (Wood)  
 747 UPPER VOLTA in at 2258 10/7. African singing; have never been able to get a sufficient report so much wanted. (Dangerfield)  
 765 SENEGAL in like local around 2300 on 10/7 and 10/8, mx on xylophone. Ancts in FF. Best in years. (Dangerfield)  
 783 PORTUGAL Miramar has been in like local nearly every evening of late. Strong until 0014 on 10/15 when s/off. (Dangerfield)  
 810 COLOMBIA HJCY Bogota 0335 10/11 R. Sutatenza nx, Colombian and world level with KGO. (Wood)  
 837 CANARY ISLANDS and someone else 2230 to 2400 on 10/15 (and other nights). Have heard Azores here but never verified. Have verified Nancy who I think signs off before 2300 (2200?). Have also verified Lebanon but programming wasn't Arabic. (Dangerfield)  
 846 ITALY Rome really good at 0020 on 10/15 with Italian tenor. (Danger)  
 891 FIJI Lautoka 10/9 0720 local nx by East Indian accented female in EE, interview; heterodyne, but no sign of often loud WLS. (Wood)  
 895 COLOMBIA HJPM Santa Marta 10/3 0344 tropical mx, ID "10 de la noche, 44 minutos en Radio Galeon". 0345 "Radio Galeon para siempre alegre" then cumbias. 0349 ad "Gana millones de pesos en loteria Libertador". My first logging from the mainland of South America from the Big Island. (Wood)  
 930 COLOMBIA R. Continental, Bogota 0435 10/11 live report from "la copa de Colombia" soccer match. (Wood)  
 1000 BRAZIL ZYK522 Sao Paulo 10/9 0610 "mil brasileiras...", sambas, mention Sao Paulo over/under KOMO. (Wood)  
 1025 UNID R. Mundo or R. Rumbo ID 0428 10/11, mostly US light rock or hits, some in SS versions; apparent transmitter breakdown 0455 and did not return. (Wood)  
 1026 SPAIN (or perhaps Canary Islands) just know strong signal in SS around 2400 on 10/15. (Dangerfield)  
 1035 PORTUGAL a regular evenings. Often at arm chair volume; stays on rather late, at least later than 783. (Dangerfield)  
 1040 COLOMBIA Caracol nx 0330 10/11 drop in value of Colombian peso, "las ultimas noticias de Caracol...las noticias mas importantes del dia en Caracol. (Wood)  
 1040 VENEZUELA no spoken ID but 10/3 0359 unmistakably the Venezuelan national anthem "Gloria al Bravo Pueblo" in choral version and s/off 0400. Hardly a trace of KIFH (still daylight in Honolulu and Hilo) after s/off WHO in clear. (Wood)  
 1044 MOROCCO good between 2300 and 2400 on 10/15 with het from unid. Which one was off freq? I bet the Arab. (Dangerfield) Too bad it wasn't a Cuban involved then we would know for sure....CH  
 1062 WESTERN SAMOA Afiamalu 10/9 EE ID by female, "you are tuned to the Samoa (accent is on first syllable, unlike the pronunciation normally heard in American and British EE, stressing the second syllable, perhaps under Hawaiian, SS or II influence; correctly sounds SAH-mwa) Broadcasting Service". Into instrumental "On a Clear Day". (Wood)  
 1098 MARSHALL ISLANDS WS20 Majuro 0822 10/11 talk in Marshallese, older-sounding speakers. (Wood)  
 1107 EGYPT Batra w/Arabic-singing, etc. dominant 2300 to 0030 on 10/15 with someone behind. Perhaps Novisad as 1134 good. (Dangerfield)  
 1134 YUGOSLAVIA Belgrad in at armchair level most of time 10/15 from 2315 to 0030. Also pretty good on 10/16. Music ranged from rock to Elvis to ballads like "You Belong to My Heart". Typical European mixed format. (Dangerfield)  
 1160 PERU OAX4C Once Sesenta, Lima 0400-0700 10/11 with frequent "Wood Wood-pecker" and "El pajaro loco y Once Sesenta presentan..."; "Hasta las 2 de la manana" 0700. Level with KSL and forest Peruvian here. (Wood)  
 1180 COLOMBIA R. Santander, Bucaramanga 0358 with "RCN" ID, tropical mx, ID 0400. (Wood)  
 1188 YEMEN PDR DYBS, Aden 1600 10/11 AA ID "Idhaat ul Ghamhuriyat al Yemeniya Shaabiya wa Qihugratiya"; into AA vocals. My most distant catch yet and points to possible E. African reception. Was // SW 6005. (Wood)

- 1215 UNID - LA national anthem, choral version 0407, off and carrier cut 10/11. (Wood)
- 1220 BRAZIL ZYJ458 10/9 0602 PP nx, "Radio Globo com os manchetas", "Manchetes em Radio Globo", dominant over/under XEB, CKDA; my first Brazilian and only third South American but others followed rapidly. (Wood)
- 1230 COLOMBIA R. Calidad, Cali 0638 10/11 ID "La una, 38 minutos en Calidad de Cali". Dominant. (Wood)
- 1280 BRAZIL ZYH455 R. Tupi, Rio de Janeiro 10/9 0717 sambas dominant, mention of Rio. (Wood)
- 1380 HAWAII KLN1 Pearl City alias a new semi-local for me now on RS, but also testing. Sounds like full 5 kW--previous tests (not heard here) were on an estimated 250 watts. First heard 0817 10/11 with engineering "testing 1-2-3-4, 1-2-3-4-5-6 this is KLN1 on the air for equipment adjustment purposes", 0818 open carrier, 0819 off revealing KTOM, 0820 back on, 0825 1000 Hz tone, 0830 open carrier, 1600 regular schedule with "Tom Adams Show", live nx, format seems to be light rock all live. (Wood)
- 1395 ALBANIA Tirana once again the earliest and strongest TA. In nightly from 2200 (and earlier sometimes) with various languages until s/off about 2356. (Dangerfield)
- 1413 OMAN BBC Masirah Island 10/9 1555 Urdu talk, 1600 news, quite good, a little KCCN-1420 splash. (Wood)
- 1440 SAUDI ARABIA BSKSA Ras-al-Zawr 9/18 1545 AA talk on Qur'an, 1552 list of commentators including "Mahmoud Mohammad", discussion of "Bank al Islami" (Islamic bank, no interest guaranteed), 1558 list of "barnamaj" (programs), 1610 full ID, booming signal, glorious across all time zones. (Wood) A moment of great awe...CH
- 1450 MEXICO XESS Ensenada BC 0600 10/9 ID "en Radio Ranchito, la mas popular, 11 de la noche", 0609 "Radio Ranchito, la musica mexicana", good. (Wood)
- 1467 FIJI Rakiraki 0825 10/11 Hindi talk, nx, 0830 ID "Samachar Radio Fiji", // 774, 891. (Wood)
- 1467 TAIWAN like the Venezuelan on 1040 above, no voice ID but recognized by "San Min Chu I" (Four Pillars of Democracy) national anthem at s/off 10/9 1600. After s/off, Thailand in the clear. (Wood.)
- 1481 UNITED ARAB EMIRATES R. Dubai, 1600 10/9 AA mx, ID by man after time signal, "Idhaat ul Emirat al Arabiyat al Mutahida min Duba'i"; AA nx; 1610 more AA mx quite good on a morning with no sign of Saudi Arabia-1440. (Wood)

Reported unto the membership by:

Ben Dangerfield-Wallingford, PA H0180,?????  
Richard Wood-Hilo, HI R1000, 100% LW

And lastly a note from Rob Harrington advises that on 10/14 from 1130 to 1145 hets were heard on 531 (weak), 693 (strong), 702 (weak), 747 (weak), 756 (strong) and 774 (weak) using his R1000 and 4' loop.



### OFFICIAL WITTLE DOLLAR DAYS CERTIFICATE

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OFFER EXPIRES  
MARCH 15th, 1984

**WITL**

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MARCH 15th, 1984

SAMPLE  
LISTEN FOR DETAILS ON WITL 100 FM & WITL 1010 AM

### Formats

Tony Fitzherbert  
356 Jackman Avenue  
Fairfield, CT 06430

We have been getting a great response to this column. This week will be a visit around Florida and metropolitan Rochester, courtesy of Jody Hughs, of Madeira Beach, FL., and Nolan Stephany, of Williamson, in central New York. Next week will feature visit to New Mexico and Buffalo.

A couple of ground rules...the first is that I cannot list nonexistent radio stations (unless they are silent), and the second is .....well, this column is intended to be a means to update your log books, so we will have to be serious (although nobody enjoys a joke more than do I). Here we go!

550	WAYR	PL	Orange Park	- Religion.(JH)
950	WCKA	NY	Penn Yan	- Ad. Com. (NS).
	WCQY	FL	W. Palm Beach	- MYL (JH).
860	WJZX	FL	Cocoa	- Urban Contemporary(JH)
930	WTRN	FL	Haines City	- Oldies (JH).
940	WICH	FL	Chiefland	- CWM
950	WBPP	NY	Rochester	- Talk, News (NS).
970	WVOJ	FL	Jacksonville	- Religion (Voice of Jesus).
	WPLA	FL	Tampa	- Ad. Con. (JH).
990	WNYR	NY	Rochester	- CWM, ABC (NS).
1000	WIGT	NY	Horseheads	- MYL (NS).
1010	WCBF	FL	Seffner	- Religion (JH).
1110	WSFW	NY	Seneca Falls	- MOR (NS).
	WTIS	PL	Tampa	- Religion(JH).
1140	WCJW	NY	Warsaw	- "Complete Country" (What is that, as opposed to ....oops!!! Try "Complete Contemporary")....can anyone tell us what "Complete Contemporary" is?????
1180	WHAM	NY	Rochester	- Ad. Com., ABC (NS).
1220	WGSA	FL	Sarasota	- News/Talk, CNN (JH).
1240	WGVA	NY	Geneva	- Ad. Con. (NS).
1280	WPXY	NY	Rochester	- All Hits - parallels 97.9FM, "98PXY"(NS).
1290	WPCK	FL	W. Palm Beach	- CWM(JH).
1310	WAUC	FL	Wauchula	- CWM (JH).
1320	WHHO	NY	Hornell	- MOR (NS).
1350	WDCP	FL	Dade City	- CNW, RKO, RN (JH).
1370	WXXI	NY	Rochester	- Non-commercial, educational, public affairs, jazz, NPR (NS). Hours are 0500-0000 weekdays, 0600-0000 weekends.
1380	WVIN	NY	Bath	- Top 100 Contemporary (NS).
1400	WDNY	NY	Danville	- Ad Con(NS).
1410	WZST	PL	Leesburg	- CNW (JH).
1420	WACK	NY	Newark	- Ad. Con (NS).
1460	WWNG	NY	Rochester	- Christian, Ethnic(NS).
1490	WBTA	NY	Batavia	- News and Information (NS).
1550	WAGX	NY	Syracuse	- Hits/Solid Gold, parallels FM 95 "95X".
	WGCR	NY	Canandaigua	- MOR, CWM, sometimes parallels FM 102.1, WFLC (NS).
1560	WKIQ	PL	Inverness	- MYL dropped for Ad. Com. (JH).
1570	WFIR	NY	Dundee	- MOR, and sometimes ID's for Penn Yan, and/or Watkins Glen (NS).
1580	WCCP	PL	Punta Gorda	- MYL/oldies (JH).
1590	WAUB	NY	Auburn	- Ad Con, Slogan is "Push Button Five" (NS). Probably for the right side button on the car radio.(TF).
	WASS	NY	Brockport	- Ad. COM. (NS).
	WRXB	FL	St. Petersburg Beach	- R & B (JH).

And so be it for this week.....and we already have the makings for another column for next week....so, send in your format changes. Remember, when WBAL becomes "Baltimore's Station for the fine arts", over 700 interested readers will want to know.....right here, in your Formats column!!

73's.....

KOUR

Box 774  
Independence, Iowa 50644

7  
WJAG radio  
78AM  
stereo fm 107  
Box 789 • Norfolk, Nebraska 68701

excerpts from the mid 1930's magazines

TECHNOLOGICAL SHORTS**World's Most Powerful Tube**

Milwaukee- A demonstration of the first high voltage, grid controlled, steel rectifier tube, which is probably the same time the largest tube in the world, was recently at the Allis-Chalmers Manufacturing plant, here, before several groups of prominent radio engineers. The tube is six feet in height and three feet in diameter and weighs more than one ton. It is actually the equivalent of six rectifier tubes in one. It contains no filament, but makes use of a mercury arc. Also it is not a sealed-off tube, but contains a vacuum-pump arrangement which maintains the proper vacuum during operation. It is rated at a maximum of 25,000 volts, direct current, at 1,000,000 watts.

**DEATH RAY?**

Omaha-The United States Government has suppressed an exhibition and scientific information regarding a new "death ray" machine, capable of killing pigeons two blocks away and possibly the forerunner of a terrible future engine of destruction, president A.G. Burns told the Inventor's Congress, here recently. Burns said suppressive action was taken with the consent of the inventor, Dr. Antonio Longoria, electrical engineer, from Cleveland. The machine is said to be a cross between a motion picture projector and a radio transmitter. When the ray was turned on, before several government scientists, the test rabbits, cats, dogs and pigeons immediately fell over dead, it was reported.

**Galloping Radio**

New York- A unique horseback receiver known as the "Galloping Radio" has been built for H. Leslie Atlass, Chicago Vice-President for the Columbia Broadcasting System. Mr. Atlass had special receivers in his airplane, yacht and automobile but he still missed some of his favorite programs while horseback riding, so his engineers promptly designed this unique receiver. The set is strapped to the back of the saddle and can be tuned without turning around. A wire running to the horse's bit serves as an antenna, while the batteries are held in the saddlebags.

OLDE TYME SHORTS**Broadcast Changes**

WSFA, Montgomery, Ala. changes operating hours from part time to full time, 1410 kc. KROW, Oakland, Calif., changes operating hours from part time to full time, operating on 930 kc., 500 watts night and 1,000 watts daytime. KFH, Wichita, Kansas, increases operating hours from part time to full time. KARK, Little Rock, Ark., increases daytime power from 250 watts to 500 watts.

**Xent, Nuevo Laredo, Mexico**

Reports from California indicate that this station, supposedly operating on 1115 kc., has shifted frequency, somewhat, with the result that it now seriously heterodynes KRKD, a 500 watt station in Los Angles which operates on 1120 kc.

**HJJK, Dominican Republic**

Rudolph Kure, Cincinnati, Ohio, writes that, the American Consul at Santo Domingo, Dominican Republic, there is no such station as HJJK, despite reports that this station was operating on 1180 kc., with 15 kw of power. It appears that this station may have formerly been HIJ, who operated on 1195 kc., not 1180 kc., with a power of 15 watts. Many DXers have been looking for the mythical big powered broadcast station without luck. The only Dominican Republic station using more than 15 watts is HIX, 1580 kc., with a 1,000 watts.

**Financial Statement**

Dick Truax  
NRC Treasurer  
P.O. Box 32125  
Louisville, KY 40232

The following statement is for the year Oct. 1, 1983 through Sept. 30, 1984.

INCOME STATEMENTSTATEMENT OF INCOME (LOSS OR GAIN)

Membership Dues.....	\$12,473.00	Income (All sources)....	\$23,102.86
Domestic Log .....	3,395.00	Bulletin/Publication Costs	
Night Pattern Book.....	639.50	Beginning Inventory...\$ 4,715.86	
Antenna Manuals I & II.....	492.50	Printing..... 17,315.10	
Receiver Manuals I & II.....	312.50	Postage..... 8,135.37	
Anniversary Book.....	648.75	Less Ending Inventory.- 6,740.32	
Reprints.....	2,249.79	Net Costs	\$23,426.01
New Member Books.....	195.50		
Samples.....	64.20		
Beverage Manual.....	297.50	Profit or Loss	\$ -323.15
Loop Manual.....	317.50	Administrative Expense	-1,919.79
Calendars.....	400.88	Net Loss	\$-2,242.94
Convention Income (Note 1) .....	1,340.49		
Interest on Savings.....	82.52		
Miscellaneous Income.....	193.23		
Total Income	\$23,102.86		

BALANCE SHEET

Assets	
Inventory.....	\$ 6,740.32
Cash.....	1,715.72
Total Assets	\$ 8,456.09

EXPENSE STATEMENT

Printing	
Bulletin.....	\$ 9,067.09
Information Booklets.....	431.14
Antenna Manuals.....	484.41
Domestic Logs.....	4,844.09
Pattern Book Updaters.....	553.00
Loop Manuals.....	290.65
Reprints.....	1,040.11
Administrative.....	604.61
	\$17,315.10

NOTES

(1) Includes \$545.49 auction funds and \$795.00 registration fees.

Postage	
Bulletin.....	\$ 6,209.27
Sales.....	1,207.97
Administrative.....	718.13
	\$ 8,135.37

(2) Includes ANARC dues of \$22.00, Greystone Pikes Peak tour for \$337.50, \$401.70 to Springs Inn for banquet & rooms and \$142.38 other convention expense.

Administrative

Sales Tax.....	\$ 806.80
Supplies.....	59.10
Telephone.....	23.31
Miscellaneous (Note 2)....	1,030.58
	\$ 1,919.79

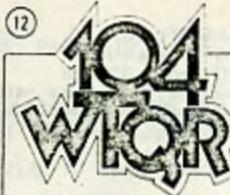
Total Expenses      \$27,370.26

NOTES FROM YOUR TREASURER

The National Radio Club operates under an accounting system whereby, if the club ceased to exist, we would refund the deferred dues to each member. The inventory, which is reported at cost, would then be prorated to each member. Under this type of system, we usually operate with an on-paper "loss" each year. We have a "loss" this year due to just printing and fully paying for the new 7th edition of the Domestic Log. The "loss" will disappear quickly as sales of the new log continue at a brisk pace into the early weeks of the new fiscal year. Continued sales of all publications will hopefully enable us to absorb a portion of the continual increases we face in publishing the bulletin "DX News". We are continuing our efforts for maximum cost efficiencies to keep annual membership costs to a minimum.

If you have any questions regarding your club's finances, please direct them to my attention c/o Box 32125, Louisville, KY 40232.

Dick Truax  
Treasurer-NRC



SUMMIT RADIO OF NORTH CAROLINA



May 4, 1984

R.V. Henninger  
#6 Theodore Place  
Saugerties, New York 12477

Dear Mr. Henninger:

Thank you for your signal report of 4/25/84.

It is interesting to consider that when you first received WSJS in 1961 it was the year that we moved to the present site, and the array (four towers) was new. Now, twenty-three years later you pick up the station again during a period of major renovation of the array, almost like starting over again.

Within a few months we will be broadcasting AM Stereo on a completely new (except for the actual towers) system. The original installation, building, land, towers and equipment cost \$125,000.00. We are spending \$217,000.00 just to update the facility, same land, buildings and towers being used, all else new!

Hope you and I will be around in another twenty years to renew this contract on whatever technology is current then.

Best regards,

*Sam Mooney*  
Sam Mooney

Chief Engineer  
SM/jb

Post Office Box 3518 • Winston-Salem, N.C. 27222  
Winston-Salem 941-7278  
Greensboro 949-2756/2

(R.V. Henninger, I hope you don't mind me using the words below to go along with the letter above. - HQ)

Dear Mike,

I'd like to pass along to you and to other NRC members this small bit of both DX information & Station information. 23 years ago several friends and I used to build and experiment with crystal sets. The sets were fine, of course for local reception. However, at about sunset during the late summer of 1961 I used to pick up WSJS-600. At that time, I did not know what sunset skip was, but it was quite a thrill nonetheless to pick up North Carolina on a crystal set (with a one transistor audio amplifier). A few months ago, I picked them up again and sent them a reception report. Along with their QSL card they sent me this very nice letter. I am enclosing a copy of it to you.

73's

## Dusty Dials

Tom Farmerie  
62 Sunrise Ave.  
Grafton, MA 01519

## A Look at the History of Radio and DX

With this edition of DUSTY DIALS, we start the serialization of the DX memoirs of S. Ray Lewis, 'The Lotus City Dxer'. Ray is one of the very few surviving DXers from the fabulous BCB DX days before World War Two. We are fortunate and grateful that Ray, who is 80 years young, took the time to put his story to paper. Back in the 30s, Ray was one of the best, as can be seen from readings RADEX and early DX NEWS issues. Ray had these memoirs printed in a very limited quantity, with a yellow cover featuring the logo of the Toledo Radio Club, which Ray founded. Ray is retired and now living in Florida. I have done a limited amount of editing to Ray's text.

## WHEN I LISTENED IN - BY S.R. LEWIS, THE LOTUS CITY DX'ER

Once upon a time, long ago, a new hobby was born. Even then, more than sixty years ago, most men had some diversions to take them away from the humdrum business of life. To me this has always meant doing something which allows a person to take his or her mind off the everyday task of eking out an existence. During the early 20s, a new hobby called 'Radio Listening' came into being. For the next few years it continued to be called that, but soon became known as DXing, which was simply an abbreviated term - in radio jargon - for listening to distant radio stations. DXing became MY particular way of escape from my daily chores.

There were very few radio broadcasting stations on the air in those days, and most of them were on the spectrum of radio from 540 to 1500 kilocycles. This was known as the broadcast band. In later years it became the AM radio band. During the 1920's, a few amateur radio stations were also on the air, using much higher frequencies than the broadcast band. The majority of amateur radio operators preferred to be known as 'hams'. Most of their transmissions were by Morse code. A scant few of them, however, used microphones, and thus could be heard on voice communications -- that is, if the listener happened to have a radio receiver that tuned to the higher frequencies of 10, 20, 40, 75, and 160 meters.

My first experience with radio listening came in the winter of 1919/1920. Two newspapers in Toledo Ohio ran interesting stories concerning a newfangled contrivance - as some people called it - known as a Crystal Radio Receiver. The newspaper article said it could be built at a very low cost, and by almost anyone who could read. Complete details concerning the building of this modern marvel were clearly diagrammed in the newspapers. Building one of these inexpensive sets intrigated me enough that I decided to try. About this time, two electrical supply companies advertised a list of component parts to put this radio 'set' together.

Unlike the telegraph, this new invention was said to bring actual VOICES and MUSIC into the homes of amazed listeners, but without the aid of any telephone wires. It was claimed to provide listeners much enjoyment and entertainment.

Remember, back in those days very few people knew about battery power, and not everyone, by any means, had electricity in their homes. Therefore, the crystal radio, which required only a long outside antenna wire, plus a short wire to ground, was indeed quite an innovation. In fact the crystal set was practically a modern miracle at that time!

With a little persuading from my family and a few friends, I finally decided to set aside and build a crystal set. It was my good fortune to have a friendly neighbor who furnished many of the necessary parts without cost, such as small boards for the front panel and base, plus some old wire from an electric motor. Actually, the set was put together in four or five evenings after my 8th grade homework for school was done.

My mother saved me a good standard-sized cardboard oatmeal box. This was dipped in hot wax, or paraffin, then wire was wound on it and it became a tuning coil. Use of the oatmeal box was the reason the first crystal sets became commonly known as 'Oatmeal Box Receivers'. Next, I managed to find enough large-headed upholstery tacks to use for two rows of contact points which were placed in a semi-circle on the set's front panel.

Other parts necessary to construct the receiver, including binding posts and a Galena crystal, with cat whisker wire, were purchased at an electrical supply store. However, the most expensive individual part for the set was a pair of headphones.

Soldering connections was a tough job for a novice like me, but I finally accomplished the task with a small iron borrowed from a Tinsmith.

During the time I spent building the crystal set there was also consideration given to strapping up the antenna wire. Placing of the antenna took much persuading on my part, for at first my folks didn't like the idea of attaching about one hundred feet of #14 copper wire from a nearby telephone pole to a peak of our house. Consent was finally granted, for my Grandmother was anxious especially, to have me try out the radio and used her influence to persuade my folks to let me go ahead.

Pictures of the 1930's  
"When I Listened In"  
By S. Ray Lewis



My nom de plume  
on tire cover of  
1930 Ford Sedan.



The Earphones I'm  
wearing are 1933  
Holtzer-Cabots.



Reading RADEX magazine  
in 1935

One night, after completing construction of the receiver, I connected the antenna, ran a piece of wire to a convenient water pipe, and began to turn the two homemade dials. At the same time I touched the cat whisker down on various places of the crystal. Well, to my very pleasant surprise, and to the amazement of the family, I heard music! Not too loud, but very clear. The very first station I received was WDX in Detroit. Soon after this I was able to hear WNW, also from Detroit. And to think I heard them all the way from Toledo --- a distance of 50 miles!

It was really a thrill for everyone in my family to hear the announcers, and then listen to music and sing. After a little practice turning the dial indicators, and finding a more sensitive spot on the crystal, it became possible to set other stations. Unbelievable as it seemed at that time, I even got KDKA in Pittsburgh!

Later, in 1921, Toledo got its first radio station, WTAL, and it was easily tuned in.

There were certain drawbacks, however, to my little entertainment center. One was the fact that there were only two headphones, and people had to take turns listening in. But it was great to show off my handiwork to friends and neighbors, in addition to members of my family. Most people, hearing the radio for the first time, thought it was marvelous. Others said it was only a fad and probably the sending station would soon go out of business. Some listeners would get excited, and when someone nearby talked to loud, they would be hushed. Others would enthusiastically tell everyone in the room what they were hearing, and it was a great time for me, too, because it was MY set they were all listening to and talking about, and I rather liked the praise which came for my building the radio set.

Listening to this first Oatmeal Box Receiver wasn't the ideal way to hear radio broadcasts by any means. First, there was no way to increase the volume, and then, too, even with two sets of headphones connected, only four people could listen at one time. But what we did hear was very clear, and there were some mighty exciting moments in those first few months.

Readily recalled is the announcement on KDKA, Pittsburgh, one evening, when we heard the announcer giving election returns. This was the Presidential election year and we heard "first hand" that Mr. Cox was defeated and that Warren G. Harding was our new President! We were the Town Criers who told everyone in the neighborhood, before the newspapers were published with the election results!

At this point, we'll close 'chapter one' from S. Ray Lewis' DX memoirs. Forthcoming chapters will take us through the experience of building a higher performance battery set, becoming a bona fide BCB DXer, the golden 30s, Ray's founding of the Toledo Radio Club, and Ray's wartime experience with WERS, the War Emergency Radio Service! Stay tuned! - Tom J

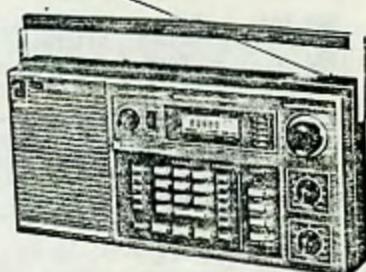
Gerry Thomas

Well, it's happened again---another multi-band portable with digital read-out for under \$100. First the Sony ICF-6500W began selling at bargain basement prices about a year ago; now it's the Uniden CR-2021. (This situation is great for radio fans but try explaining your desperate need for another radio to your wife when she knows you already have seven radios, hi.)

The Uniden CR-2021 is, in reality, a worked over Sony 2001 (originally \$329) and is virtually identical to Radio Shack's DX-400 (\$299.95). The Uniden initially also listed at \$299.95 but was later reduced to \$229.95. It is now available for under \$100 (\$89 from Missouri Radio Center, 2900 NW Vivion Rd., Kansas City, MO, (800) 821-7323; \$99.95 from EEB, 516 Mill St. NE, Vienna, VA, (800) 368-3270) at close-out prices. I called Uniden to see if they were discontinuing the CR-2021 and they said, "No, we're still making them," so they either have a tremendous backlog of the radios or they've found that they can still make a profit at those ridiculously low prices. At any rate, after about 10 seconds of deliberation and rationalization, I was on the phone to Missouri Radio Center and eight days later had a CR-2021.

#### A Quick Overview of the CR-2021

The Uniden CR-2021 is a microprocessor-controlled, triple conversion portable continuously covering 150 kHz to 29.999 MHz plus FM. It comes with six Frequency memories (eight, if you count the scan limit memories), dual selectivity, scanning capability, dial light, sleep function, RF attenuator, antenna trimmer, battery check circuits, and built-in AC transformer. It measures about 12" long by 6" tall (handle down) by 2-3/4" wide and weighs about four and a half pounds with its six C-cells (and two AA's for the memory circuit). Audio shaping is performed by a single tone control knob.



#### General Operating Considerations

Once you get over "knob withdrawal," entering frequencies by key press and tuning by pushing "up" and "down" buttons should become pretty comfortable. Unfortunately, I constantly catch myself reaching for a knob to turn to fine tune a station (thank goodness for the antenna trimmer, hi). I've always routinely tuned off frequency by one to two kHz for better audio on the radios I've owned; luckily, the Uniden can be "tuned" in 1 kHz (or three or ten kHz) steps so nothing significant has been lost in this regard.

The scan function is really neat; you set the scan limits, press "scan" (or "auto" and "scan" if you want the scanning to stop when a station is encountered) and sit back. This is great but the "auto scan" can skip over weaker stations and scanning on the entire MW band requires concurrent antenna trim adjustment.

One potentially invaluable feature of the CR-2021 is the memory function. Checking for parallels is a cinch and I can see that loading several UNID's in memory and checking back for ID's will be very useful.

#### Performance on MW

Okay, the bells and whistles are nice but what about performance? After all, it's things like sensitivity, selectivity, and overload susceptibility that determine whether a station is heard or not.

Sensitivity---This is a potential problem area with the Uniden, particularly on MW (and LW). First of all, background noise (apparently from the microprocessor and IC amps) is much higher than on the Sony ICF-6500W, for example. This noise isn't noticeable on strong locals but approaches the "intrusive" level on semi-locals and can significantly degrade weak signal reception. This problem is compounded by the fact that MW signal levels aren't all that great to begin with.

Even though there is room in the cabinet for a much longer ferrite

rod, the CR-2021 uses a diminutive 2-1/4" (!) antenna for MW and LW signals. Because the AC transformer and whip antenna are coupled to the RF stage, you are apparently supposed to use them to increase signal strength. This is fine, and they succeed in boosting levels to normal, but by so doing the ability to null is completely destroyed!

This situation can be remedied by adding a larger outboard ferrite antenna, however. I tried a Hot Rod and signals that were reading "1 LED" (the Uniden measures signal strength with five LED's) jumped to four or five LED's. Unfortunately, the folding handle on the Uniden prevents permanently mounting the 15-inch Hot Rod on top; perhaps a smaller version would work. (Incidentally, I'm now completely out of Hot Rod components and, unless popular demand warrants, will not be re-ordering in the near future.)

Given the noise and tiny antenna situation, I suspected that performance on weak signals especially those on the low end of the band) would be pretty poor. To check this out, I ran a quick side-by-side test with the Sony 6500:

<u>Uniden</u>					
Frequency	Sony	Batts	AC	Batts+whip	AC+whip
540 kHz	Fair	Nil	Nil	Poor	Fair
1090 "	Fair	Nil/Poor	Poor	Vy Poor	Fair
1250 "	Vy Poor	Nil	Nil	Nil	Vy Poor
1600 "	Poor/Fair	Vy Poor	Poor	Poor	Fair

These were all in-the-clear stations and, as can be seen, the Uniden required AC power and the whip antenna to equal the Sony's barefoot, battery-powered performance. Several stations, especially on the low end, were simply not present on the Uniden in its other modes.

This sensitivity/noise problem is really a shame because the Uniden does quite well on other performance variables; read on...

**Selectivity**--Stock selectivity for AM reception is pretty impressive. The CR-2021 uses a muRata CFW-455H (listed at 6 kHz at -6 dB and 18 kHz at -60 dB but sounds much narrower) for the wide position and a muRata CFM-455I (4 kHz at -6 dB and 10 kHz at -60 dB) for the narrow mode. The narrow muRata is equivalent to the Vernitron VTD-3-I, a filter used in several portable and table top modifications. In the narrow mode, the Uniden consistently presented interference-free audio on such splits as YSS-655, the Caymans on 1205 an 1555, etc. Deep skirt selectivity is also pretty decent, especially for a portable. At present, I'm sufficiently satisfied with the narrow mode that I don't anticipate making any changes (although SSB and CW SW DX'ing might require a narrower filter).

**Overloading susceptibility**--The Uniden is also pretty good in this regard provided the antenna trimmer is accurately adjusted. The first night I had the radio I detected a carrier on 565 kHz and thought I really had something. A check on the R70, FRG-7, and 6500, however, revealed nothing. It turned out that the antenna trimmer was improperly adjusted. I haven't tried a really long antenna with the Uniden yet but my 50-foot inverted-L hasn't presented any problems at all.

#### The Uniden vs the Sony

I've reviewed the Sony ICF-6500W in the past so I won't go into great detail here. Instead, I'll list some critical feature and performance differences between the Sony and the Uniden.



**Frequency coverage**--Uniden the winner hands down. The Sony covers only MW, SW 3.9 - 10 MHz, 11.7 - 20 MHz, 20 - 28 MHz, and FM. If you DX LW or the tropicals, the choice is easy.

**Tuning ease**--largely a matter of personal taste. Entering a number and adjusting the antenna trimmer isn't really that much faster than using Sony's two-speed knob. Also, the Sony allows tuning between 1 kHz points.

**Miscellaneous operating features**--Again the Uniden with its memory, scan, battery check, and sleep functions. A plus for the Sony is its analog signal strength meter.

**Sensitivity**--Essentially equal on SW and FM; the Sony is decidedly better on MW (if you want to retain nulling ability).

**Selectivity**--The Uniden takes it easily in its stock form. Sony's only selectivity position is far too wide and requires IF filter substitution for good performance (not a difficult or expensive mod).

**Overloading immunity**--The Uniden again, provided the antenna trimmer is properly peaked.

**Digital read-out accuracy**--My Uniden's on the button; my Sony's about 600 Hz high on SW; no biggie.

**Power consumption**--I measured 35 mA current drain on the Sony with the volume set at a comfortable, one meter distant, listening level. The Uniden at a similar setting drew about 105 mA! Similarly, the Sony manual predicts 24 hours of battery life; the Uniden, eight hours. The Sony by three-to-one.

**Audio quality**--The Sony's audio tends to be bassy; the Uniden's is also but less so. Out-of-the-box the Uniden sounds better to me but I've added a cheap high-pass filter to my Sony which I think is superior to both stock passbands.

That about wraps it up. I've only had the Uniden a few days so these initial impressions might change with time. For the MW DX'er, deciding between the two comes down to whether correcting the Uniden's MW deficiencies (i.e., adding an external antenna booster) is easier than correcting the Sony's IF passband (both mods cost about the same) and whether the Uniden's operating niceties make up for its much higher battery drain. The domestic-only MW DX'er would probably find the Sony's IF passband less a problem than the Uniden's noise/insensitivity whereas the foreign DX'er would likely choose the Uniden's narrower passband.

At any rate, either of these radios represents an excellent value and should be given a close look if you're in the market for a digital portable.

Best DX....73's--GT

## THANK YOU

Dear Sir,

Thanks for your nice letter!

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Once again thank you for your comments!

PHIL GRAHAM  
from Ed. Gisentraeger



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The opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the Editors, Publishers, or the National Radio Club, Inc., or its subsidiaries. Times are local per Muse.

Welcome again to Musings, this issue featuring those west of the Rockies. The deadline for #8 (featuring New England DX'ers) is Nov. 10; for #9 (featuring all other Nor'easters) Nov. 17; and for #10 (for those living outside of the continental U.S.) Nov. 24. On with it; firstly our six westerners ...

**Jim Pedor** - Radio West - 3417 Purser Rd. - Escondido, CA 92025 (pm 10-12; rec'd 10-13)

You probably don't recognize my name because this is my first Musings. I've been reading about all you medium wave maniacs so I decided to join in since I'm one too (hi). Introductions are in order so here goes. I'm 21 years old and single. I've been DX'ing for 9 years, both in Connecticut and California, so I've listened to the best both sides have to offer (hi). I've recently joined the staff at Radio West as the technician. You could not ask for a better job for a DX'er. We sell and modify the best communications gear available anywhere. Folks, I want to be your "inside" connection for receivers, modifications, or information concerning BCB DX'ing. I know what it's like to try to get info on a piece of equipment and all you get is a warehouse order desk. Give me a call anytime (619) 741-2891 because I want to help you and this club be #1. We do fantastic modifications to your existing receivers so drop me a note with the receiver and I'll be sure and have it back to you quickly. I know what it's like to be without a rig, too. Congrats to Mike Knitter and the gang on a great NRC Log Book. The info is invaluable, especially the station addresses. Just sent 21 reports so hope to report some veries soon. Enough said. 73's to all. (And a hearty welcome to another California DX'er. Muse often, Jim! -pls)

**Mike Ramirez** - 760 University Village - Salt Lake City, UT 84108 (pm 10-15; rec'd 10-17)

As an on/off member since the mid 70's and one who resides west of the Rockies an intro is in order. I'm in my mid-20's and attend the Univ. of Utah with my wife, Becky. We are not Mormons but have researched their church extensively. I enjoy athletics and the beaches of Southern Calif. The equipment I use is a Lafayette HA-600A and a Realistic 12-655. I have not fully explored the MW band here but I am looking forward to this season. DX'ing is limited because of time but I will assist the club where I can. Recent veries have been KSEN-1150, KUTA-790, KORD-870, KNEW-1210 ex 1230, KWMJ-750, KMFR-880, KWIP-880. KNNU, KMFR, KREN, and KWIP enclosed coverage maps, etc. KWIP/KMFR both expressed surprise that their signal reached this far. Recent DX has been KXL-750 10-14 0929 with Neighborhood Watch. (Welcome back, Mike; don't forget to send those verie signers to Wayne Heinen -pls)

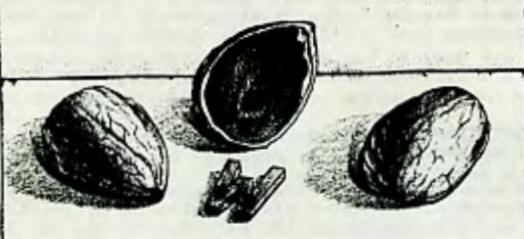
**Guy Kudlemyer** - Eugene, OR (pm 10-16; rec'd 10-19)

I think you hit the nail right on the head, pls, in your "long, overblown diatribe" in Issue #1. There seems to be some, shall we say, rather unorthodox persons populating the popular radio clubs, and the NRC is no exception. I remember when I'd first joined the club a few years ago, I had the opportunity to attend my first GTG. As I came thru the door, I was immediately pounced upon, and those in attendance demanded to see my collection of tradeable promo items. I hadn't brought any along because I consider trading promo items to be peripheral to the main aspect of the hobby, which is, after all, DX'ing, and I was there to discuss DX'ing. When they found out that I had come sans promos, I was told that if I didn't start collecting, and soon, that I "wouldn't last long in the club" and was subsequently ignored for the rest of the afternoon. I thought it was a rather poor way to treat a new member, and considered letting my membership lapse (did I really want my name to be associated with these inconsiderate doits?), but, fortunately, reconsidered and remained in the club. My current involvement, clubwise, is limited to an occasional Muse intended for those who are really interested in DX and I am very careful about those GTG's that I do attend, not wanting to be hassled and humiliated again. I just hope that this type of treatment is not afforded to every new member when he attends his first GTG and that it is only an isolated incident. /// In other, more interesting news: Cordless phones have become an "attractive distracter" at my shack. 1695 and 1755 seem to be very active at this location. It's amazing what people say on the phone to each other when they don't know anyone is listening (especially young men to young ladies on Friday and Saturday nites!) /// My latest DX tool is a computer that I picked up in late August - an IBM PC Jr., (128K, expandable to 512K) and a Gemini 10-X printer. I use it with the "Homeword" line of software to do my DX-related work processing. This is my first Muse on it (How's it look, pls?) (Great, and don't worry about single-spacing with the Gemini 10-X -pls) I made a \$5.00 bet on the first game of the World Series and it came through for me at 70 to 1 odds, so I made a \$350 payment on it and now this computer is all mine! /// Summer was quieter than usual, noise-wise, with the exception of a few overexuberant T-storms, but no new DX was logged in spite of that. More as it happens. 73.

**Richard E. Wood, PhD** - P. O. Box 5074 - Hilo, HI 96720 (pm 10-18; rec'd 10-20)

(808) 966-7091 Aloha again from Hawaiian Paradise Park, where it is raining heavily, as often on this side of the island. This is the price I consciously paid for freedom from powerful Oahu (Honolulu) signals, now augmented by newly active KINI-1380. Oahu stns have a high mortality rate, but perhaps this new soft rocker with older-sound male DJ's will succeed, as it is distinct from hard rocker KISA-1540 with its brassy, younger DJ's, some female. Sked for KINI not yet determined, but no AN, and may s/off early, perhaps 10 pm local. Not splashy here,

## Radio Programming



### On Changing Call Letters

*Here's why consultants and programmers are beginning to think call letter switching may become obsolete.*

There used to be a time prior to deregulation that changing a station's call letters was possible but time-consuming. As a result, programmers usually tried to live with their retained call letters as long as they could, even when making radical on-air format switches.

Now, the hindrances are gone. Changing call letters is easier than ever to do, and there is some early evidence that stations are taking advantage of the FCC's newfound leniency.

But, some consultants and major programmers are rethinking the advisability of switching a station's call letters—even when major programming changes are being attempted.

The reluctance is based on a growing feeling that stations should be less concerned with their call signs and more interested in their image.

What may happen in the months and years ahead could be similar to what was witnessed by Philadelphia area radio listeners when Jerry Lee's WDVR-FM beautiful music station retained its format but assumed an entirely different identity.

Originally, WDVR stood for Delaware Valley Radio. Dropping this meaningless association paved the way for Lee to not just change call letters, but also come up with an entirely new name. He ordered re-

search. He did all the required focus groups. And what emerged was EAZY 101. The fact that legally the station's call letters were WEAZ-FM were irrelevant to Lee.

The management decided not to refer to WEAZ by call letters on-air except for the required once-per-hour, official, station identification.

And, at that, they blended it with the "WEAZ Philadelphia Weather." Off-air, the actual call letters have never appeared in print, on promotional material or on TV—and they spend hundreds of thousands on promotion every couple of months.

It was a risky move, but one which occurred before the FCC made call letter switching so swift and easy.

What Lee and his General Manager Jim DeCaro wound up with was a radio station that started with the letter "E." In their market, KYW was the only other station which started with a letter other than "W." KYW and EAZY 101 are number one and two in the market according to the spring Arbitrators. Identity alone is not likely responsible for high ratings, but some radio experts think it is no accident that their listeners are able to identify the stations so convincingly.

Jerry Lee reviewed the Arbitron diaries for the fall of 1983 and not one entry listed EAZY 101 as WEAZ. They spelled it EASY and EAZY, but

either way won the station credit in Arbitron's book. Lee also chuckles as he tells of a top name radio executive who buttonholed him at a convention to inquire "how EAZY 101 got the Commission to give them call letters that started with an 'E.'" Obviously it didn't. He did.

This story is just one example of why the future identification of radio stations may be tied to words and images that are more meaningful than four letters starting with a "W" or "K." Y-100, Ft. Lauderdale was an early winner in this area, and there is no shortage of examples of stations which have dropped their call letter identity for a new, fresh image.

Here are some of the guidelines consultants think may govern future station identification.

- Call letters alone, unless they easily conjure up memorable images, are not going to be as effective as words that tie into a station's image.

- Using call letters that have a vague resemblance to the image word will actually confuse, not re-inforce, the station's image word.

- All on-air and off-air identification will be restricted to the word and the frequency, leaving the legal call letters to once per hour.

- Hard-to-remember call letters used once per hour are probably better than call letters that are cute ties with the image words because there are fewer opportunities for confusion. As incredible as it may seem, hard-to-remember call letters won't conflict with easy-to-remember image words.

- Spelling the image words on-air will be a necessity. Programmers operate under the misconception that listeners hear every gem they come up with. Researchers poring over diary entries know better. Stations will never want to be so sophisticated that they fail to spell the image words on-air at least once per half hour.

- Call letters may not be on the way out, but some programmers think the way of the future will be to tie in image words with dial position in order to circumvent the limitations that four call letters beginning with "W" or "K" present to radio stations. ■■■

VIA STAFF

**20** unlike KISA or even KUMU-1500, and mainlanders like KTOM are often heard thru it. I now have solar power 24 hours a day, but still only DC, so I can power only the Trio R-1000. The R-71A, HQ-180A, and HQ-180AC will have to wait for the DC/AC inverter and other items to complete the solar system, sked for delivery 10-30. I only have one 100-ft. longwire roughly strung, so still basically nondirectional. Nevertheless, I just reported WNBC-660 and often get WLIB-700, WWAQ-670, WGN-720, WBEM-780, etc., dominating their channels. WSL-890 is frequent. My best catch so far from the mainland is WREN-1250 KS. Luckily, no West Coaster there is dominant. Other channels with nothing much dominant in the West include 1560, 1180, and 800. A good guide to cx's is 1220, where Brazil is pretty regular and CKDA alternates with XEB. Countries logged thus far from the Big Island under these makeshift conditions are 40: N. America 3: Alaska, Canada, US; C. America and Caribbean 8; Mexico, Guatemala, Honduras, Nicaragua, Cuba, Anguilla (almost nightly), Nethe. Antilles, Cayman Is.; S. America 5; Colombia, Venezuela, Peru, Chile, Brazil; Pacific 10; Hawaii, NZ, Australia, W. Samoa, Tahiti, Tonga, Fiji, Marshall Is., E. Caroline Is., Solomon Is.; Asia 14; China, P. R., Taiwan, Japan, N. and S. Korea, Philippines, Thailand, India, Indonesia, United Arab Emirates, USSR-Asiatic, Saudi Arabia, Oman, and Yemen, P. D. R. Some wanted countries not heard yet in these few weeks here include my closest whrd, Midway Is., American Samoa, Guam, Argentina, Belize (will be difficult now on 820 with KIKI there), Papua New Guinea, Vietnam, Pakistan, Sri Lanka, Uruguay, and any Europeans and Africans. I try nightly for the last two continents, but many of the most likely channels are occupied by Pacific Islanders. I should have a loop working soon. Aloha. (Watch 1404; I picked up a het just before midnight PST on the ENE beverage at Twentynine Palms recently -pls)

**Bill Hardy** - 2301 Pacific Ave. - Aberdeen, WA 98520 (pm 10-18; rec'd 10-20)

It's great to see "theme" Musings back. I hope quite a few of the NRC members west of the Rockies will turn out this time. Also, I must say RIGHT ON!! and AMEN!! to most of what Paul said in his Oct. 8 and 15 Musings. Much DX to report this time! Sat. 9-1: KSGO-1520 Oregon City-Portland, ex-KYXI, usual strong signal for 7 pm ID. "Solid Gold Radio," rock oldies, drops Larry King (now on KXL-750) and drops CBS (now on KYIE-970). Sat. 9-15: 7:14 pm looking for Quincy WA on 1370; instead got Quincy, CA! KPCO atop with s/off, full data, mentioned "special authority" for 5 kw directional days so evidently the day CP is on but not the night CRP! 7:24 pm KKZU-1510 WA in with quick "KKZU" by DJ between pop songs. It took hours of sitting on 1510 to log this station as KGKN last winter. This time, got it in 2 minutes but then KGA buried it. Sun. 9-16: headed to Ocean City State Park to DX, but all the hook-up sites were taken, so went north to Pacific Beach State Park, which is 23 miles from home - cutting it close on the 25-mile limit! Only new catches, CISL-650 and KENU-1330, were relogged on 10-14 though. Noted CHQM-1320 BC is now announcing as "Music of Your Life" so add it to the official list. "Sexually Speaking" with Dr. Ruth Westheimer, originating at WNYN (FM) New York, is now syndicated live via satellite, and KNRB-680 San Francisco airs it 7-9 pm Sundays. Dr. Ruth still has her separate show on KPI-640 9:30-10:30 pm Sundays. Mon. 9-17: KXL-750 running a "Special Sunday night edition" of Larry King, celebrating Mutual's 50th anniversary. Also noted KOMO-1000 on new MM AN schedule! Did I mention that KSPL-1150 Seattle went dark at 10 am 8-21? Well, they returned as KGKN on 10-1, with new owners and new religious format, evidently NSP as they signed on at 11:55 pm Sunday 9-30! Concurrently, KXA-770 left the air at 12:01 am 10-1 to move its transmitter and abandon its rooftop dipole of 1920's vintage. They returned in a week with a new pop-music format, drive-time simulcasts of KMNI-96.5, and reportedly want to drop the KXA call sign in favor of KMNI-AM (Boo! -pls). Oh, yes, maybe it's premature to say this, but the electrical motor QRM from the sewer pump station two blocks away, which has wrecked DX below 1100 kHz since May 1978, disappeared around 10-8 and isn't back yet eight days later. Perhaps heavy rainfall did in the pump, but it would be nice if the repairs promised in 1982 have finally come to pass! Sat. 10-13: per a tip from an Oregon DX'er, got KSMB-840 Seaside on its first day here from 930 kHz, announced on till midnight. Sunday hours evidently 7 am-10 pm, but 6 am-midnight other days. Same adult contemporary format, still UPI. Sun. 10-14: a DX session at Ocean City Stat Park turned up a sunset logging of KRCK-1110, 6:01 1/2 pm EE ID as "KRCK Roseville-Sacramento-Stockton," then back to Spanish show. New to me, never logged as KPOP or KPIP. 7 pm nice ID for KIO-1100 Grand Junction, CO, ex-KREX, pop mx and CBS nx, fairly good with potent KFAX partly nulled. 10:30 pm WIO-1040 had Larry King repeat, but then Mutual headlines mentioning tonight's World Series and such, so - shudder - Mutual has added a regular Mm feed, dropping their MM SP (0000-0500 ELT) and in effect going NSP. This leaves only RKO with an MM SP among national radio networks, unless you count the ethnic networks. Also taped ID's from the likes of WBAP-820, WCOO-830, WBL-870 before further assignments make them impossible here! Let's see a lot more support from the West Coast contingent of NRC! 73 and good DX. (Bill asks about the new word "catthots" in my Oct. 8 Musing ... correct the phrase to read "will catch them ... taking shots at" 11 lines from the bottom, page 22. Apparently a computer/transmission glitch -pls)

**Nancy Hardy** - 2301 Pacific Ave. - Aberdeen, WA 98520 (pm 10-18; rec'd 10-20)

Here's another Musing from "west of the Rockies". In Sept. Bill and I had a great time at the Western Wash. Fair. We went to the Mickey Gilley show, and afterwards had the pleasure of meeting NRC's Rocky Stone. Thanks for the backstage passes, Rocky! DX here has been quite good, especially with the lower end of the band static gone. 9-14 hr KPCO-1370 s/off 7:14 pm with mention of operating with 5000 watts directional. At 7:50 heard SS mx on 1550, had ID in SS at 7:50 1/2 for KXES. They went fulltime in early Sept. This was a night for Calif., as KLOC-920 was in with SS 8:10-8:15 pm. 9-30: KZUN-1360 was in with caw mx and ID at 6:22 1/2 pm o/KROR. 10-10: KLWJ-1090 was in poorly through KING with 6:00 pm ID into "The Good News." Bill still needs this one. 10-17: Finally logged KNKC-1370 in Quincy, WA (had heard Quincy, CA on 1370 9-14). KWNC jingle in very strong at 8:41 am, mx, then Wash. Dept. of Game report at 8:56 am. Had been trying for this one for years at SSS, and this was first try at SRS. Our new NRC

logs finally arrived on 10-15 (mailed on 9-10). Seems they took the long way west - via Alaska! Good DX to everyone.

**Paul Swearingen** - 7310 Ensign Avenue - Sun Valley, CA 91325

Guess I'd better get in with the rest of the westerners, huh? Thanks to the others who participated. Per tip from IRCA's Gary Larsen, KROQ-1500 has been silent since about 10-18, probably pending finalizing of sale, and he couldn't get anyone on the phone to talk about it. I took a quick tape of KMTT-1500 San Jose 7:17 pm 10-20. Thanks, Gary. Weak mx turned up at 9:45 pm on 895 but faded under the QRM, and I detected a carrier on 1205 with the HQ-180's BFO at 9:50. 73.

**Neal A. Perdue** - Route 1, Box 154 - Falkville, AL 35622 (pm 10-9; rec'd 10-12)

Time to get serious about another DX season. As luck would have it, Murphy's Law struck just as I was ready to do so, and the area - which had gotten about an inch of rain for the whole month of September - got hit with a lingering front of rain and static. /// The only newies here in the past week are: WJMM-770 AL with the move from 730; WBZM-1040 with Big Band mx around sunset, and WSGI-1190 TN, which I thought I'd never hear because of local pest WHLY but which accomodatingly signed off two minutes after the latter one evening. That gives me a station-total of 669 going into this season. I count call-changes and freq. moves. /// I got the word out to a few key people (hoping that it would be spread around) that WBL-870 would shut down for several hours early Monday morning 10-8, but I don't know if anyone benefitted from it. With visions of AK, HI, and PR, all I heard was static and a couple of unid LA's Very disappointing! A WBL SP is a rare thing. /// The new Dom Log has arrived, and it is a beautiful job. I miss the small size of the old one, but my eyes appreciate the larger print, more room to enter changes, and even the ability to squeeze a new stn in-between lines for a particular stat. I took one look at the weight of the stock and the new loose-leaf format and said "These holes aren't gonna make it very long before tearing out to the edge of the page", so I put mine together with 1/4"/20, 3/4" long bolts, with flat washers and nuts on the back. This is not recommended for DX tables with nice varnished finishes. My DX table doubles as a workbench, and I wasn't concerned about another scratch or two on it. Another thing I did to the DM Log was to number the freq. on each page at the bottom of the page, about 3" from the right-hand margin, on the odd-numbered pages. This gives a quick-flip freq reference without bleeding over into any pertinent info on the other side of the page. /// Best DX to all in the upcoming season, and- please- no jokes abt Alabama or Auburn football. I'm from New York City! 73 de Neal.

**Karl V. Jeter** - 2115 Scarbrough Rd. - Stone Mountain, GA 30088 (pm 10-11; rec'd 10-13)

It's hard to believe that it has been so long since I last Mused! Let's see; last time I wrote in, we had a brand-new son - now he is seven months old and crawling all over the house and has taken a liking to the cord of my headphones! He likes to chew on it, and my wife is starting to get worried, hi. (She knows that DX'ers do strange things!) There wasn't a lot of DX over the summer, but I did hit the dials from time to time. Most of my efforts were in following up on holdouts from the last season, and I was rewarded in my efforts in that I surpassed the 1,200 mark in verifications. Total right now is 1,209. Going on to some recent DX - This evening, 10-9, a log was taken on WBZM-1040, in well with "ML" type format and s/off, 1850-1900. Most of the recent logs have been of the new stations on the clears, plus a few relogs of stations that have switched to the clears. 10-6: WKCM-1160 hr 0705 with csw and ABC mx for a relay from 1140. 10-1: on 1030 I had a mystery with someone playing rnr and saying they were "Kansas City's newest station at 2009 - from the new NRC log, I was able to find out that it was KBSM-1030! Also hrnd unn KHOG-1030 later at 2021 with caw mx. 9-29: A log taken on WFMW-730 at s/off 2000, ment. their Sun. morn. schedule in the s/off. Going back to 9-21, the brand-new WEBG-880, Jefferson, GA was bagged at s/on, 0715, with ment of "Great 880 Radio" and gsp! mx. The evening before that, 9-20, a log taken on KALT-900 coming in nicely at s/off 2030 with FM ment. KTYN-99.3. During Hurricane Diane, several stations (both unn.) were noted on WJKL-1580 with rel. mx and emergency info 1955-2005 and WYRU-1520 noted 2237. The new NRC Log just arrived the other day, and it is a nice one! I put it and the State-City Index together in one binder, and it makes one nice reference. Good work! It's hard to believe that I am starting my twelfth year with the NRC ... I am starting to feel like an oldtimer! 73's!

**Terry Funk** - P. O. Box 1053 - Ft. Davis, TX 79734 (pm 10-11; rec'd 10-13)

I would like to thank Mr. Connolly for his assistance on getting together parts for his API-2 construction articles. He was very helpful. Hopefully, I can now complete the project. I am still waiting to hear from a member within a 200 mi. or so area to compare propagation/recpt. conditions with. I joined the NRC a year ago, for many reasons, but I joined primarily to get information about the AM BCB. I had DX'd most of my life and enjoyed it - all to myself. It was a revelation when I saw all that NRC offered about the BCB. More importantly, though, I found out that others enjoyed it also. Not only do I eagerly await each issue, but I enjoy and read every column and every word - at least twice. Besides that, I've spent a small fortune on reprints and have read them at least five times. Nowhere else have I found the information about the AM BCB like I have from the NRC. I don't go after veries or contests and I don't do a lot of loggings (though I know I should) and I think the "DDDX" column is as interesting as ... I am still amazed that, in this day and age of sophisticated RF technology, microwaves and satellite trmx, I get excited, when I can pick out, on a good winter nite, WBZ-1030 (over 3000 mi. from here) and enjoy the locals talk show. I'm not putting down all those other activities that make BCB DX'ing enjoyable and exciting to others, but every member, at one time or another, must have "turned the dial" just to find out what other people do in the U. S. or the world for that matter. DX'ing is a hobby after all. It seems that reas "heavy" ego-involvement makes the hobby seem trite and just a bit ridiculous. Clubs, no matter

what their purpose, are developed to share certain interests with each of the members, not to "one up" each other. I enjoy the club and wish that I could make it to one of the future conventions to meet some people. The DXN is an excellent publication; some dedicated people must be doing something right for the club to be in existence for fifty-one years. (Gee ... what nice things you say! Thanks from all of the editors; it's nice to get positive input once in awhile; right, guys? -pls)

#### Radio Roundup

Pete Kemp - P. O. Box 73 - Bethel, CT 06801 (pm 10-14; rec'd 10-16)

Greetings all ... On September 11, the FCC released Docket 84-874, proposing to "reallocate" 1900-2000 kHz. to non-government radiolocation, "because of an anticipated expansion of the AM broadcast band that would force certain radiolocation stations to move." Needless to say the amateur radio community is upset with this proposal. This is the first FCC action that I have seen recently concerning the possible expansion of the broadcast band. If my memory serves me right, this action was discussed at the the last WARC (World Administrative Radio Conference) in 1979, with the U. S. Delegation looking closely at this possibility and that of 9 kHz spacing for RCB stations too! ... The summer ARB's in Chicago show WGN ruling the roost on AM, and enjoying the benefits of the wild Cube fans/listeners, WLS got raked over the coals, with a 2.7 share ... In the Big Apple, on the AM side, WOR leads the pack, although they have been very busy trying to retune their demographics for a younger audience, followed by WINS and WCBS in an all-news battle, with WNEW, WNBC, WABC, and WQXR rounding out the ratings for the big guys ... Ron Eisenberg, formerly with WRC, has landed on his slot, with a 9-noon slot on WCNY ... KYW has just passed its 19-year mark in all-news operations ... There certainly has been a number of trivia games popping up on the airwaves ... So much for now.

Algiers, Algeria

Charles C. Harrison - 3 Hollywood Lane - Lincoln, RI 02865 (pm 10-12; rec'd 10-16)

Musing, rather than reporting//Have been sitting on 891 for approximately four years with absolutely no results//Both here and in Brewster, MA//Now am reasonably positive but lack firm proof 891 was received from Brewster, MA//AND WELL!!//It sounded like the Oriental Band in our local (Pawtucket, RI) Octoberfest parade//Sat 10-6-84 2215 weak//Signal could not be read by my creditable witness//Sun 10-7-84 nothing//Mon 10-8-84 2215 STRONG//gone by 2300//Creditable witness heard Monday's strong signal and then tuned it in with his receiver//Yours truly stock GE Superadio 7-2880 center-tapped longwire//Creditable witness Benjamin Tillman WHMO R390A 80-meter dipole (Sign him up! -pls)//MY FIRST TA!!//Reference first Muse Vol. 49, #11 21 Dec 81//Home base conditions are not good but with a Giblin Loop circa 1924 can read 825 St. Kitts and 1610 Anguilla frequently on both Superadio and DX-300//Hope to be back soon with other "hard" evidence or firm newsworthy material//

Ernie J. Wesolowski - 1416 Pasadena Ave. Omaha, NE 68107 (pm 10-15; rec'd 10-18)

This year's Colorado convention has finally got me into the mood again for the DX bug. Thanks to Paul in prodding me into this. First, I want to thank Wayne for such a great job in putting on the convention in Colorado. So many things have happened in the last 3 years I don't know where to start. Just like beginning again, hi. No more clear channels - stations all over the place. KAAN-870 heard daily. Now a new one locally on 1180 to begin soon. I might reintroduce myself here: I'm 44, single, live with the folks. Dad is 80 this week. (Wish him a happy birthday from the Good Guys and Gals of the NRC, Ernie! -pls) Have over 2025 veries in 49 states and 9 provinces. 21 countries - all verified from this one location. Never could hear Alaska, though, or PEI. One local KONO-1420 is now KROM. Now they even run one hour after 188. WOW-590 and KYNN swapped freq. last winter. KOIL-1290 came back after a year of silence. Three stations locally went stereo: WOW-590, KFAB-1110, and KOIL-1290. Now graveyards will be going 1 kw fulltime in Dec. Noticed WBT-1110 is not protecting Omaha any more - did they lose a tower again? Heard WBT 60 miles east of Omaha while driving from Des Moines. The new log book is the greatest. Thanks, guys. Ernie Cooper - glad you have a new lease on life. Keep humming the DX March. 73s.

Ken Onyschuk - 10731 Lloyd Dr. - Worth, IL 60482 (pm 10-15; rec'd 10-18)

Greetings, gang. It's a cool, drizzly Sat. aft., so I decided to kill some time and send off a Muse. I got some bad news recently when the trade school I was hoping to attend informed me that I hadn't had enough education to qualify for their program. I was pretty depressed for awhile. But I got the want ads out and quickly started filling job applics. out in order to find a better-paying job as soon as I can. I do have some "coals in the fire" now and am waiting for some good news in the mail any day. On to radio. I'll correct myself on a past Muse. I still can hear my former local, WCGO-1600, altho it's almost "overshadowed" by WQXN, the Spanish station up in Evanston. I do have some good news in that BL-GOS pest WMPP-1470 is not the problem I used to have; now WMEP Peoria is audible all hours now, tho rather mixing or weak. Me being 20 mi. N. of my previous home, it has caused me some DX problems. I have to live with. I do miss that Sony ICF-SSW that I got rid of. If I can acquire one again or similar to it some day, I'd consider it. But I can't afford it now. I feel the Sony has better selectivity than the Superadio has. Now I hear from my DX buddy Marc Marine that the Sony is obsolete now. Is that true? (It's out of production, but I hope NEVER obsolete -pls) Gee, I really liked it. On to other things: We recently subscribed to Metrovision cable and really like the programming on

it. 36 channels for \$9 a month. I hardly watch network TV any more. Now recently, The Sun-Times' Robert Feder printed the entire summer Chicago Arb. ratings; for those interested, here goes: 1-WGN 11.4; 2-WLCO-FM 6.8; 3-WENX-FM 5.2; 4-WBBM-FM 5.0; 5-WOCI-FM 4.7; 6-WBBM 4.4; 7-WCLR-FM 4.1; 8-WIND 3.4; 9-WKQX-FM 5.2; 10-tie: WMAQ and WLAK-FM, 3.2; 12-tie: FM'ers WMET and WUSN; 14-again, tie, FM'ers WLS and WLUP 2.8; 16-would you believe rock giant WLS down here at just 2.7? 17-WJJD 2.5; 18-FM'ers WKRT and WFYR 2.4; 20-WAIT, 2.3; 21-tie, FM'ers WJMK and WOJO 1.9; 23-WAGO 1.7; 24-WMET 1.6; 25-WJPC 1.5; 26-tie, AM'ers WOCI and WVON 1.0; 28-WNIB-FM .8; 29-2 REL stns. WMCA and would you believe WCFL, the great rock giant of the past? 31-tie (sigh)FM's, WALR and WYCA at .4; and finally, a nice MoR station WJOL, Joliet, .3. As Mr. Feder reported, WGN's broadcasts of Cubs baseball sent their ratings thru the roof and wreaked havoc on other stations in town during the summer audience-survey period. WGN posted its highest overall share in 5 yrs, up 3 pts since last summer. Their Cub magic rubbed off on Wally Phillips and Bob Collins, who posted significant gains in AM and PM. Befitting the ill fortunes of the White Sox, WMAQ fell almost a full point since last spring, and over one since last summer. Also among the losers were WKQX's AM Robert Murphy, dropping more than 2 pts. WLS, with Larry Lujack and Steve Dahl, mirroring their stns continuing decline, and there are others. 2 newcomers in the market, oldies WJMK and Top 40 WQO, have begun to move up, while black stations WBBM and WOCI again flip-flop for dominance. Also for their fans - with nothing to show for their 2 1/2 wk walkout except free publicity, substantial legal bills, and about \$10,000 in lost salary, Steve Dahl and Gary Meier finally backed down and showed up for their re-assignment to WLS-AM. In the end WLS GM John Gehron refused to pay them more unless Dahl agreed to stay on an extra yr beyond contract. Dahl would rather leave than get richer. Perhaps our DX friend Al Resnick might elaborate on this, if he wishes to. Also at WJJD, Harry Volkman was dumped in a cost-saving move. He's out of a radio weather reporting job for the first time in 35 yrs. He continues to be the dean of Chicago weathermen. At U. of Ill., DX'er Kirk Melhuish got the job of #1 weather person. His fine reports can be heard daily on WILL-580. I listen every day, and he covers the midwest and nation. To conclude: I'm glad to finally see DX News come more regularly now. Now if the reports will come regularly. The more contributions, the better.

Jerry Starr - c/o WHOT Radio - 401 N. Blaine - Youngstown, OH 44505

Greetings: We just returned from two weeks in Albuquerque where we once again flew our hot air balloon with 500 other airheads in the annual Fiesta, and for the 4th time NRC'er Wayne Heinen journeyed down from Colorado to join our flight crew. No real DX to speak of recently but a few observations from our travels: WQOM-1130 Brazil, IN appears to still be off the air. They were not heard while passing through on the way to the Convention and were missing again whilst heading for Albuquerque. While there we noted that KDEF-1150, reported silent earlier this summer, is still off the air. Wayne and I visited their studio location and found it is now a tutoring service. All listed phone numbers are disconnected so it looks like KDEF might be gone for good. A list of the current Albuq format situation has been sent to Tony. We stopped at (and flew over) KLTN-1240 and they promised to improve their QSL policy. They have a contract engineer who is at the station only once per month. A few comments on the pls Musing in DXN. The use of pseudos is, in fact, a time-honored tradition in DX publications. The late revered and respected Carlton Lord wrote extensively under the name Count de Veries for years. ERIC's Hefty Bloopers has provided us with many enjoyable excapades. Dave Fisher in recent years wrote a number of excellent technical articles under the name Ghoti. Going back to the early "golden" years of DX'ing back to the very first newsletters and clubs, one will find the pages filled with adopted pseudos and nicknames such as U. Paul Knight and Brass City Nightowl. To me this adds to the color and texture of a club. It is doubtful that a DX News containing only a professional, perhaps, but very dull. I see nothing wrong with the pseudos and Buffalo K. sez he agrees with me. Also: Illegal fireworks at the Convention? I'll take responsibility for those, although I think the word ILLEGAL is not appropriate here. The fireworks we display at the Conventions are obtained legally since I have a permit to do so and are for the enjoyment of all who care to watch. Tacky? A matter of opinion, I guess. Do you stay home on the 4th of July? And finally, as I creep closer to the half-century mark are my eyes starting to fail or have the present type style/size? Maybe it's from looking at too many fireworks. 73 and good DX. (The type face in this edition and the previous is Courier 10 pt. [pica] set on 12 pitch for better legibility. If it's still hard to read, let me know and we'll make adjustments in the column size [98 characters wide] so that the printer can keep the reduction from getting too small. I agree; #1 and #2 were pretty tiny. -pls)

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